

Ali MU, Fitzpatrick-Lewis D, Raina P, Warren R, Kenny M, Raina P. Absolute effects for harms outcomes; one-time AAA screening in men with ultrasound. Evidence Review and Synthesis Centre, McMaster University: Hamilton, Ontario, 2017. Available: <http://canadiantaskforce.ca/guidelines/published-guidelines/abdominal-aortic-aneurysm/> Updated July 2017.

### **Absolute effects for harms outcomes; one-time AAA screening in men with ultrasound**

<b>Outcome</b>	<b># of studies</b>	<b>Length of follow-up</b>	<b>Absolute effect</b>	<b>Number needed</b>	<b>Lower limit</b>	<b>Upper limit</b>	<b>Comments</b>
<b>No. of AAA operations</b>	4	3 to 5 years	0.47%	215	159	305	ARI - NNH
	1	6 to 7 years	0.67%	149	110	212	
	3	10 to 11 years	0.62%	162	112	263	
	3	13 to 15 years	0.58%	171	107	358	
<b>No. of Elective operations</b>	4	3 to 5 years	0.58%	172	98	342	ARI - NNH
	1	6 to 7 years	0.87%	115	88	154	
	3	10 to 11 years	0.91%	110	88	142	
	3	13 to 15 years	1.00%	100	52	281	
<b>No. of Emergency operations</b>	4	3 to 5 years	0.07%	1389	980	4975	ARR - NNS
	1	6 to 7 years	0.19%	514	428	715	
	3	10 to 11 years	0.26%	384	329	488	
	4	13 to 15 years	0.21%	471	394	622	
<b>30-day mortality AAA operations</b>	3	3 to 5 years	12.83%	8	7	10	ARR - NNO
	1	6 to 7 years	13.59%	7	6	10	
	2	10 to 11 years	12.74%	8	7	10	
	3	13 to 15 years	5.63%	18	13	39	
<b>30-day mortality Elective AAA operations</b>	4	3 to 5 years	3.93%	25	17	2227	ARR - NNO
	1	6 to 7 years	NS	NA	-	-	NS effect
	3	10 to 11 years	NS	NA	-	-	
	3	13 to 15 years	NS	NA	-	-	
<b>30-day mortality Emergency AAA operations</b>	3	3 to 5 years	NS	NA	-	-	NS effect
	1	6 to 7 years	NS	NA	-	-	
	2	10 to 11 years	NS	NA	-	-	
	3	13 to 15 years	NS	NA	-	-	

ARI – NNH = Absolute risk increase & number needed to harm

ARR – NNS = Absolute risk reduction & number needed to screen

ARR – NNO = Absolute risk reduction & number needed to operate

NS = non-significant effect with 95% CI's including the no effect value.

NA = Not applicable.